

Jacek Wojnarowicz

List of Publications by Year in descending order

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44
papers

1,986
citations

270111

25
h-index

274796

44
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46
all docs

46
docs citations

46
times ranked

3104
citing authors

#	ARTICLE	IF	CITATIONS
1	Dental Implant Healing Screws as Temporary Oral Drug Delivery Systems for Decrease of Infections in the Area of the Head and Neck. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1679-1693.	3.3	11
2	Electrospun Membrane Surface Modification by Sonocoating with HA and ZnO:Ag Nanoparticles—Characterization and Evaluation of Osteoblasts and Bacterial Cell Behavior In Vitro. <i>Cells</i> , 2022, 11, 1582.	1.8	14
3	Size-dependent effects of ZnO nanoparticles on the photocatalytic degradation of phenol in a water solution. <i>Applied Surface Science</i> , 2021, 541, 148416.	3.1	57
4	Enhanced Activity and Sustained Release of Protocatechuic Acid, a Natural Antibacterial Agent, from Hybrid Nanoformulations with Zinc Oxide Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5287.	1.8	9
5	Nanoformulation Composed of Ellagic Acid and Functionalized Zinc Oxide Nanoparticles Inactivates DNA and RNA Viruses. <i>Pharmaceutics</i> , 2021, 13, 2174.	2.0	21
6	Preparation and Characterisation of Poly(methyl metacrylate)-Titanium Dioxide Nanocomposites for Denture Bases. <i>Polymers</i> , 2020, 12, 2655.	2.0	14
7	<p></p>Virucidal Action Against Avian Influenza H5N1 Virus and Immunomodulatory Effects of Nanoformulations Consisting of Mesoporous Silica Nanoparticles Loaded with Natural Prodrugs</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5181-5202.	3.3	26
8	A Review of Microwave Synthesis of Zinc Oxide Nanomaterials: Reactants, Process Parameters and Morphologies. <i>Nanomaterials</i> , 2020, 10, 1086.	1.9	217
9	Preparation of a Ceramic Matrix Composite Made of Hydroxyapatite Nanoparticles and Poly(lactic Acid) by Consolidation of Composite Granules. <i>Nanomaterials</i> , 2020, 10, 1060.	1.9	10
10	Zinc Oxide and Zinc Oxide Nanoparticles Impact on In Vitro Germination and Seedling Growth in <i>Allium cepa</i> L. <i>Materials</i> , 2020, 13, 2784.	1.3	56
11	Targeted Nano-Drug Delivery of Colchicine against Colon Cancer Cells by Means of Mesoporous Silica Nanoparticles. <i>Cancers</i> , 2020, 12, 144.	1.7	60
12	Effective Targeting of Colon Cancer Cells with Piperine Natural Anticancer Prodrug Using Functionalized Clusters of Hydroxyapatite Nanoparticles. <i>Pharmaceutics</i> , 2020, 12, 70.	2.0	29
13	Colorimetric study of zinc oxide poly(methyl methacrylate) nanocomposite — new biomaterial for denture bases. <i>Protetyka Stomatologiczna</i> , 2020, 70, 335-351.	0.1	3
14	Rheological properties and stability of shear thickening fluids based on silica and polypropylene glycol. <i>Materials Research Express</i> , 2019, 6, 115702.	0.8	4
15	Zinc Oxide Nanoparticles Cytotoxicity and Release from Newly Formed PMMA—ZnO Nanocomposites Designed for Denture Bases. <i>Nanomaterials</i> , 2019, 9, 1318.	1.9	51
16	In vivo and in vitro study of a novel nanohydroxyapatite sonocoated scaffolds for enhanced bone regeneration. <i>Materials Science and Engineering C</i> , 2019, 99, 669-684.	3.8	49
17	Novel Photocatalytic Nanocomposite Made of Polymeric Carbon Nitride and Metal Oxide Nanoparticles. <i>Molecules</i> , 2019, 24, 874.	1.7	9
18	<p></p>Nanoparticles And Human Saliva: A Step Towards Drug Delivery Systems For Dental And Craniofacial Biomaterials</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9235-9257.	3.3	22

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19	Composites of polylactide and nano-hydroxyapatite created by cryomilling and warm isostatic pressing for bone implants applications. <i>Materials Letters</i> , 2019, 236, 625-628.	1.3	14
20	Dendrimer based theranostic nanostructures for combined chemo- and photothermal therapy of liver cancer cells in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 698-708.	2.5	78
21	Thermal and physical properties of ZrO ₂ –AlO(OH) nanopowders synthesised by microwave hydrothermal method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 2273-2284.	2.0	8
22	Size control mechanism of ZnO nanoparticles obtained in microwave solvothermal synthesis. <i>Nanotechnology</i> , 2018, 29, 065601.	1.3	64
23	Folic acid-conjugated mesoporous silica particles as nanocarriers of natural prodrugs for cancer targeting and antioxidant action. <i>Oncotarget</i> , 2018, 9, 26466-26490.	0.8	57
24	Current Trends in the Development of Microwave Reactors for the Synthesis of Nanomaterials in Laboratories and Industries: A Review. <i>Crystals</i> , 2018, 8, 379.	1.0	108
25	Structural and Magnetic Properties of Co–Mn Codoped ZnO Nanoparticles Obtained by Microwave Solvothermal Synthesis. <i>Crystals</i> , 2018, 8, 410.	1.0	19
26	Size Control of Cobalt-Doped ZnO Nanoparticles Obtained in Microwave Solvothermal Synthesis. <i>Crystals</i> , 2018, 8, 179.	1.0	27
27	Mechanical and Physicochemical Properties of Newly Formed ZnO-PMMA Nanocomposites for Denture Bases. <i>Nanomaterials</i> , 2018, 8, 305.	1.9	43
28	Effect of Microwave Radiation Power on the Size of Aggregates of ZnO NPs Prepared Using Microwave Solvothermal Synthesis. <i>Nanomaterials</i> , 2018, 8, 343.	1.9	59
29	Graphene Oxide-Based Nanocomposites Decorated with Silver Nanoparticles as an Antibacterial Agent. <i>Nanoscale Research Letters</i> , 2018, 13, 116.	3.1	129
30	Lyotropic liquid crystal based on zinc oxide nanoparticles obtained by microwave solvothermal synthesis. <i>Materials Chemistry and Physics</i> , 2017, 192, 383-391.	2.0	6
31	12. Microwaves applied to hydrothermal synthesis of nanoparticles. , 2017, , 205-224.		4
32	Characteristics of titanium nano-oxide (IV) as potent polymethyl metacrylate modifier. <i>Protetyka Stomatologiczna</i> , 2017, 67, 4-17.	0.1	2
33	Microwave solvothermal synthesis and characterization of manganese-doped ZnO nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 721-732.	1.5	41
34	Effect of Water Content in Ethylene Glycol Solvent on the Size of ZnO Nanoparticles Prepared Using Microwave Solvothermal Synthesis. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-15.	1.5	58
35	Influence of hydrothermal synthesis parameters on the properties of hydroxyapatite nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1586-1601.	1.5	93
36	Significance of polymethylmethacrylate (PMMA) modification by zinc oxide nanoparticles for fungal biofilm formation. <i>International Journal of Pharmaceutics</i> , 2016, 510, 323-335.	2.6	60

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37	Preparation and characterization of ZnO-PMMA resin nanocomposites for denture bases. <i>Acta of Bioengineering and Biomechanics</i> , 2016, 18, 31-41.	0.2	15
38	Paramagnetism of cobalt-doped ZnO nanoparticles obtained by microwave solvothermal synthesis. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 1957-1969.	1.5	44
39	High-Energy-Low-Temperature Technologies for the Synthesis of Nanoparticles: Microwaves and High Pressure. <i>Inorganics</i> , 2014, 2, 606-619.	1.2	24
40	Dispersing hydrophilic nanoparticles in hydrophobic polymers: HDPE/ZnO nanocomposites by a novel template-based approach. <i>EXPRESS Polymer Letters</i> , 2014, 8, 362-372.	1.1	31
41	Soil pH effects on the comparative toxicity of dissolved zinc, non-nano and nano ZnO to the earthworm <i>Eisenia fetida</i> . <i>Nanotoxicology</i> , 2014, 8, 559-572.	1.6	108
42	Zinc oxide nanoparticles toxicity to <i>Daphnia magna</i> : size-dependent effects and dissolution. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 190-198.	2.2	136
43	A Novel Reactor for Microwave Hydrothermal Scale-up Nanopowder Synthesis. <i>International Journal of Chemical Reactor Engineering</i> , 2013, 11, 361-368.	0.6	28
44	Zinc Oxide Nanoparticles Impair the Integrity of Human Umbilical Vein Endothelial Cell Monolayer <i>In Vitro</i> . <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 957-967.	0.5	47